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1855-1930

W.K. Richardson  
1859-1951

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July 16, 2003

Attorney Docket No.: 13445-002002

## Mail Stop Patent Application

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450



Presented for filing is a new continuation patent application of:

Applicant: STEVEN G. JOHNSON, MIHAI IBANESCU, ORI WEISBERG, YOEL FINK, JOHN D. JOANNOPOULOS, MAKSIM SKOROBOGATIY, TORHEL ENGENSESS, MARIN SOLJACIC AND STEVEN A. JACOBS

Title: LOW-LOSS PHOTONIC CRYSTAL WAVEGUIDE HAVING LARGE CORE RADIUS

The prior application is assigned of record to OmniGuide Communications, a Delaware corporation, by virtue of an assignment submitted to the Patent and Trademark Office and recorded on May 10, 2002 at 012883/0389.

Enclosed are the following papers, including those required to receive a filing date under 37 CFR §1.53(b):

	<u>Pages</u>
Specification	32
Claims	10
Abstract	1
Declaration	3
Drawing(s)	11

### Enclosures:

- Preliminary amendment, 5 pages.
- New disclosure information, including:  
Information disclosure statement, 1 pages.  
PTO-1449, 5 pages.
- Small entity statement. This application is entitled to small entity status.
- Postcard.

CERTIFICATE OF MAILING BY EXPRESS MAIL

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This application is a continuation of U.S. patent application 10/057,258, filed January 25, 2002, which in turn claims priority to U.S. provisional patent applications 60/264,201 filed January 25, 2001 and 60/337,603 filed November 8, 2001, the contents of which are incorporated herein by reference.

Basic filing fee	\$375
Total claims in excess of 20 times \$9	\$0
Independent claims in excess of 3 times \$42	\$0
Fee for multiple dependent claims	\$0
Total filing fee:	\$375

A check for the filing fee is enclosed. Please apply any other required fees or any credits to deposit account 06-1050, referencing the attorney docket number shown above.

If this application is found to be incomplete, or if a telephone conference would otherwise be helpful, please call the undersigned at (617) 542-5070.

Kindly acknowledge receipt of this application by returning the enclosed postcard.

Please direct all correspondence to the following customer number:



PTO Customer No: 26161

Respectfully submitted,

Marc M. Wefers\* for  
Frank R. Occhiuti  
Reg. No. 35,306  
Enclosures  
FRO/czc

**\*See attached document certifying that Marc M. Wefers has limited recognition to practice before the U.S. Patent and Trademark Office under 37 C.F.R. § 10.9(b).**

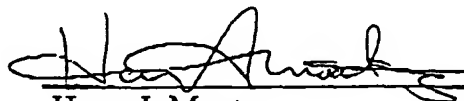
**BEFORE THE OFFICE OF ENROLLMENT AND DISCIPLINE  
UNITED STATE PATENT AND TRADEMARK OFFICE**

**LIMITED RECOGNITION UNDER 37 CFR § 10.9(b)**

Dr. Marc M. Wefers is hereby given limited recognition under 37 CFR §10.9(b) as an employee of Fish & Richardson P.C., to prepare and prosecute patent applications wherein the patent applicant is the client of Fish & Richardson P.C. and the attorney or agent of record in the applications is a registered practitioner who is a member of Fish & Richardson P.C. This limited recognition shall expire on the date appearing below, or when whichever of the following events first occurs prior to the date appearing below: (i) Dr. Marc M. Wefers ceases to lawfully reside in the United States, (ii) Dr. Marc M. Wefers' employment with Fish & Richardson P.C. ceases or is terminated, or (iii) Dr. Marc M. Wefers ceases to remain or reside in the United States on an H-1B visa.

This document constitutes proof of such recognition. The original of this document is on file in the Office of Enrollment and Discipline of the U.S. Patent and Trademark Office.

**Expires: December 23, 2003**



Harry I. Moatz  
Director of Enrollment and Discipline